



Transforming The Army to the Objective Force

*NDIA Science and Engineering
Technology Conference/DOD Tech Expo*

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The Objective Force Task Force...

- | The **single, overarching, integrating activity** within the Department of the Army that provides the direction, means, and impetus for The Objective Force
- | Facilitates the accelerated fielding of the OF this decade by **integrating and synchronizing** warfighting capabilities and technologies and by providing **assessments** that focus senior Army leadership decision making
- | **Action agency** for the **SA** and the **CSA** to synchronize all OF efforts associated with the entire **DTLOMS** process
- | Charter is to **favorably influence** multiple parts of The **Army, OSD, JCS, Congress and industry** to ensure the Army achieves OF capabilities this decade

A Catalyst for Change



Why Transform the Army?

“The Cold War system was a system built around weight...The globalization is built around speed. In Cold War, the big ate the small. In globalization, the fast eat the slow...globalization is happening in a power structure...That is maintained and preserved...by something called the U.S. Army...without America On duty, there is no America Online.”

Thomas L. Friedman,
The Lexus and the Olive Tree

The Army has a Nonnegotiable Contract with the American People to Fight and Win the Nation's Wars



The Requirement to Transform is Based Upon...



- | Evolving Security Challenges of the 21st Century
- | Compelling Need to Respond More Rapidly & Decisively
Across the Full Spectrum of Military Operations
- | National Security Strategy and National Military Strategy
- | Pace and Proliferation of Technology

***The Army Provides the National Command Authority with
the Means for Decisive Victory***



We Must Transform!

The Army must be...

- **Immediately available**
- **Decisive upon employment**
- **Responsive to CINC demands**
- **Essential component of the CINC's strategy**

**11 Sep 01
reinforced this
as a priority**

21st Century challenges dictates the need for...

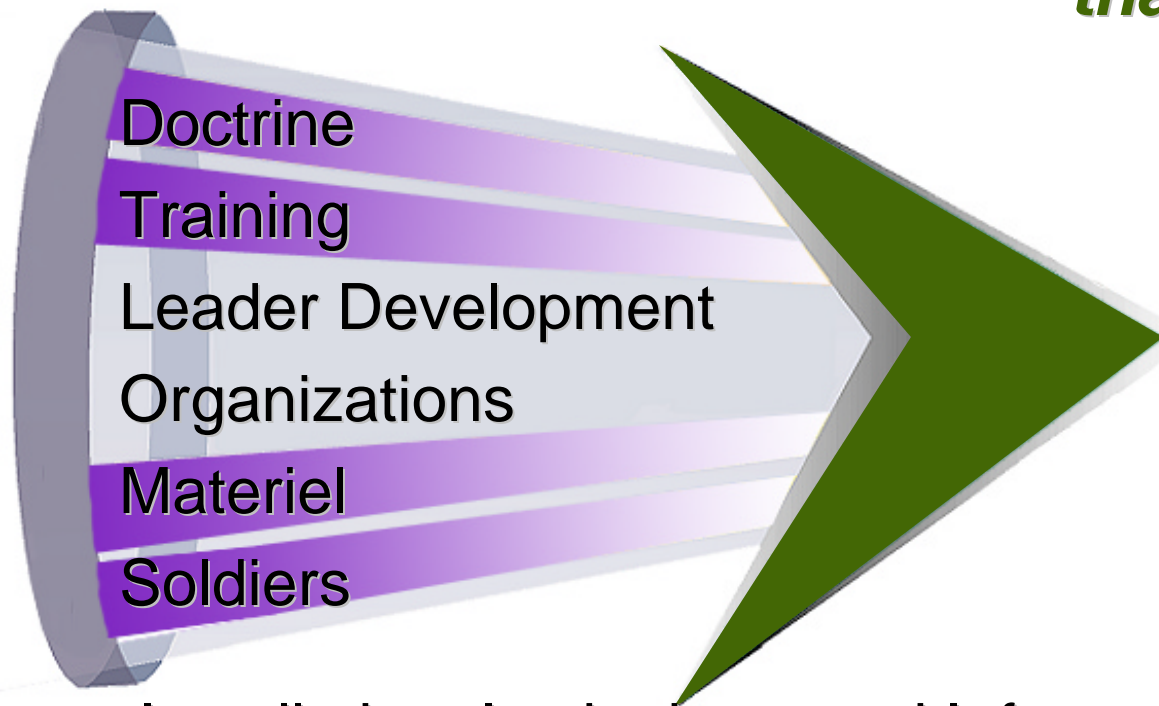
- **Strategic and tactical responsiveness**
- **Enhanced lethality & survivability**

***Build a 21st Century Army
to Meet 21st Century Challenges***



What is Transformation?

A complete change of the entire Army across the six Army imperatives...



+Installation, Institutions, and Infrastructure

***An Objective Force
that is ...***

***Responsive
Deployable
Agile
Versatile
Lethal
Survivable
Sustainable***

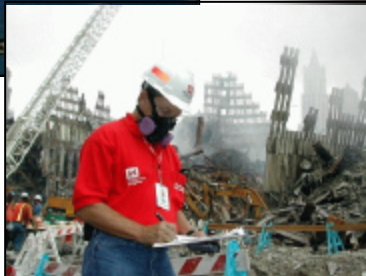


DTLOMS-F Resourced Through All PEGs



The Mission of Transformation

Transform ***The Army*** into a force that is strategically responsive and dominant at every point of the spectrum of operations





How Will We Transform the Army?

Maintain a trained and ready Legacy Force to fight and win decisively against any threat ...our Nation's go to war force

Simultaneously

- Field the Interim Force to meet an operational shortfall that exists between the capabilities of our early arriving light forces and our later arriving heavy forces...
our bridge to the future***
- Design and field the new Objective Force that is strategically responsive capable of dominating at every point on the spectrum of operations... our future Army***



The Objective Force Capabilities

- General Purpose Forces with Special Purpose Capabilities**
- Advanced C4ISR and Information Superiority – *See First***
- Knowledge Based Operations – *Understand First***
- Combined Arms at Lowest Tactical Levels – *Act First and Finish Decisively***
- Deployability and Mobility – C-130 transportable; anywhere in the world a BCT in 96 hours, a division in 120 hours, 5 divisions in 30 days**
- Echelonment – Units of Action and Units of Employment**
- Sustainable – self-sustainable for 3-7days of operations without replenishment from external sources**

The Joint Commander's Ultimate Defeat Mechanism



How Will The Army Operate in a Joint Environment?

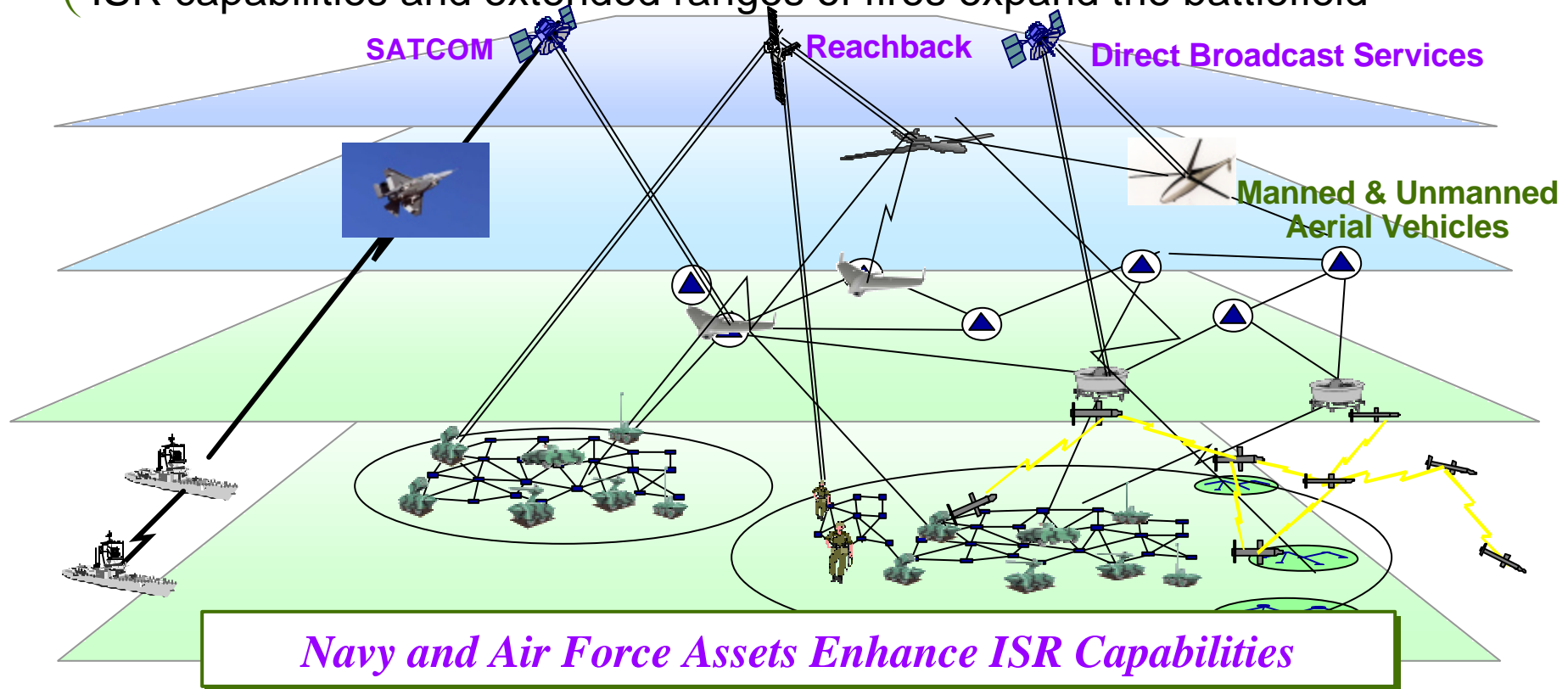
The Objective Force will ...

- | *develop* situations out of contact... see, know and act first**
- | *maneuver* to dispersed positions of advantage... with speed and agility on a non-linear battlefield**
- | *engage* enemy forces beyond the range of their weapons... with massed effects**
- | *destroy* the enemy by combining lethal precision fires and decisive maneuver**
- | *assault* enemy capabilities or locations at times and places of our choosing... finish decisively**



Joint Force Implications for OF Information, Surveillance, and Reconnaissance (ISR)

- Requires fusion of joint sensors across the battlefield
- Distributed situational awareness across the battlefield - a common operating picture foxhole to satellite provides the JFC tactical HUMINT, precision targeting and engagement in complex environments
- ISR capabilities and extended ranges of fires expand the battlefield





The Objective Force



- Full spectrum capable – optimized for offensive operations
- Dominant at every point on the spectrum
- Soldiers - are the centerpiece
- Expanded mission set – general purpose quality
- Networked force – has situational savvy
- Leverage's space based capabilities
- Joint Force Cdr's ultimate defeat mechanism

...Our Future Army



Building an Army – Unit of Employment (UE)



- Campaign Force - Employs multiple UA
- Basis of combined arms air-ground task forces (division and below)
- Sets conditions for and resources UA with modular, tailored forces
- Develops situation out of contact – initiates combat on own terms
- Coordinates multi-service, joint, interagency, multi-national & non-governmental organizations
- Employs long range fires, aviation, and sustainment, while providing C4ISR and tactical direction to UAs



Building an Army – Unit of Action (UA)

Unit of Action

Unit of Action

Unit of Action

FCS Battalion

FCS Battalion

FCS Battalion

- Orchestrates engagements
- Smallest combined arms unit that can be committed independently (brigade and below)
- Enables massing of effects without massing forces
- Deployable anywhere in 96 hours – fights immediately upon arrival
- Shift toward tactical standoff engagement with continuous operations at a higher tempo
- Complements precision strike with precision maneuver
- Gains and Maintains Positional Advantage
- Interfaces with Coalition forces and non-governmental organizations on the ground



Future Combat Systems (FCS) Combat Battalion

FCS Battalion

FCS Battalion

Fights engagements

Combined arms design at the lowest level - enabled by C4ISR and unmanned aviation & ground platforms

Enhances lethality through precise, networked sensor to shooter data – organic capability for line-of-sight, beyond line-of-sight and non-line-of-sight

Capable of unsurpassed mobility regardless of terrain, weather or obstacles

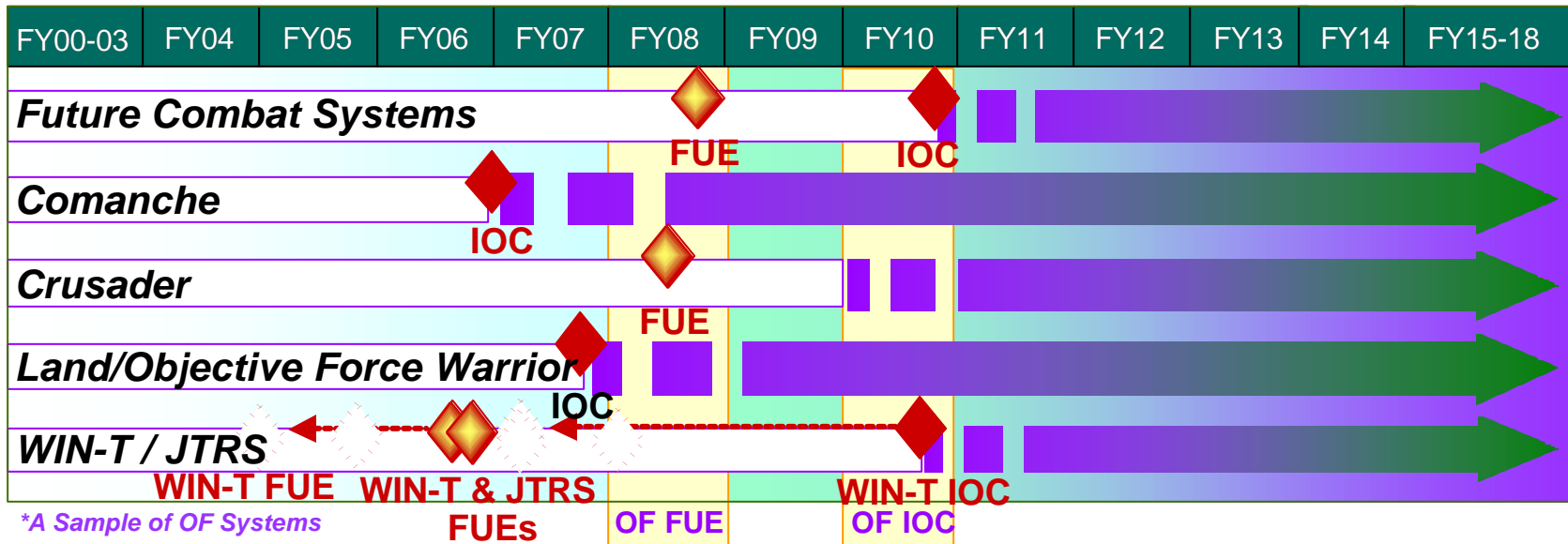
Enables improved situational awareness

Capable of fighting immediately upon arrival into theatre

Sustainable for 3-7 days of continuous ops



Emerging Objective Force Systems - Materiel



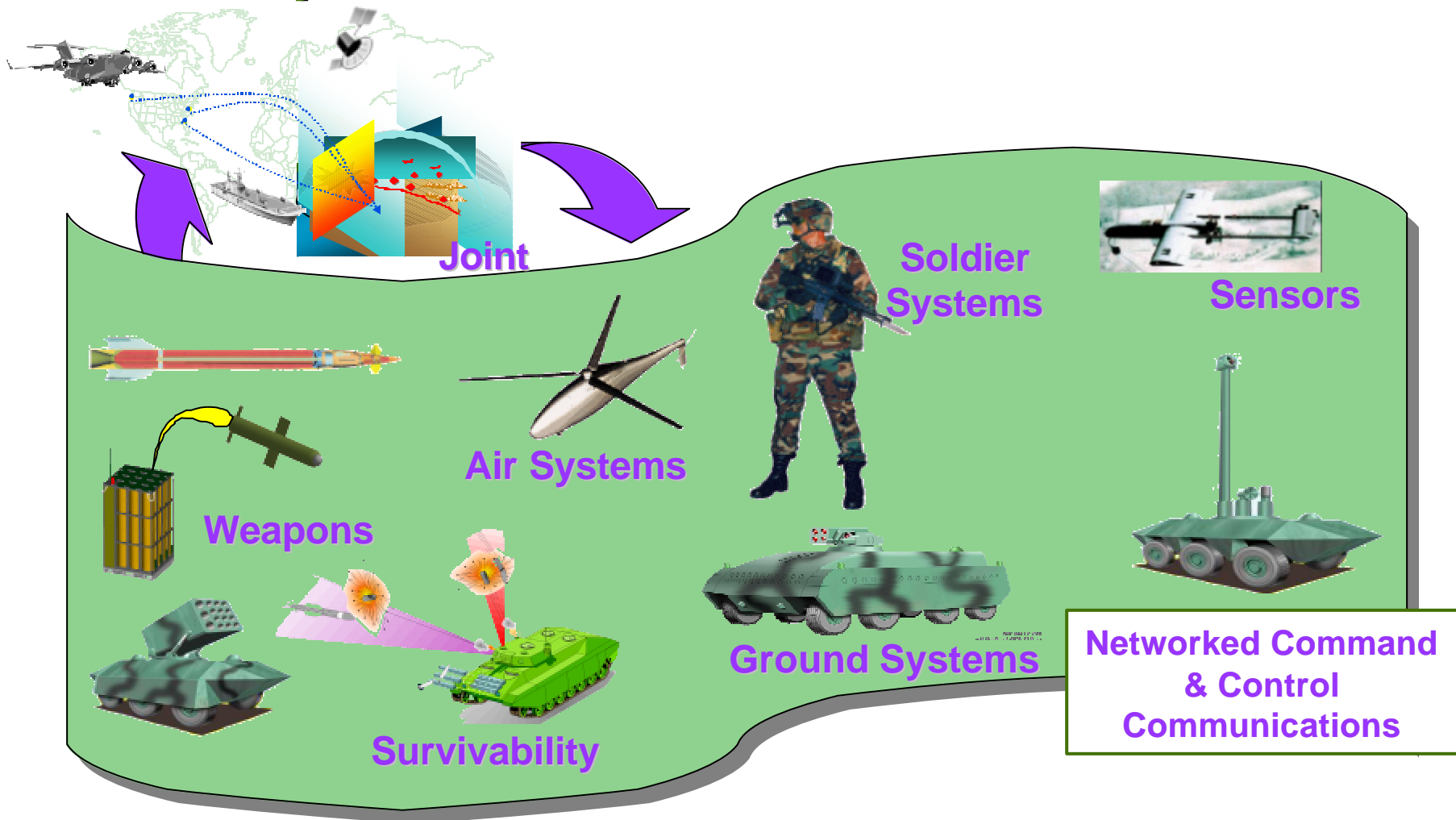
FCS, as the pacing item for the OF, will drive the capabilities and timelines for fielding OF capabilities this decade

Materiel timelines are being adjusted to accommodate the accelerated fielding of OF capabilities this decade

We are in the process of identifying OF systems and OF threshold capabilities



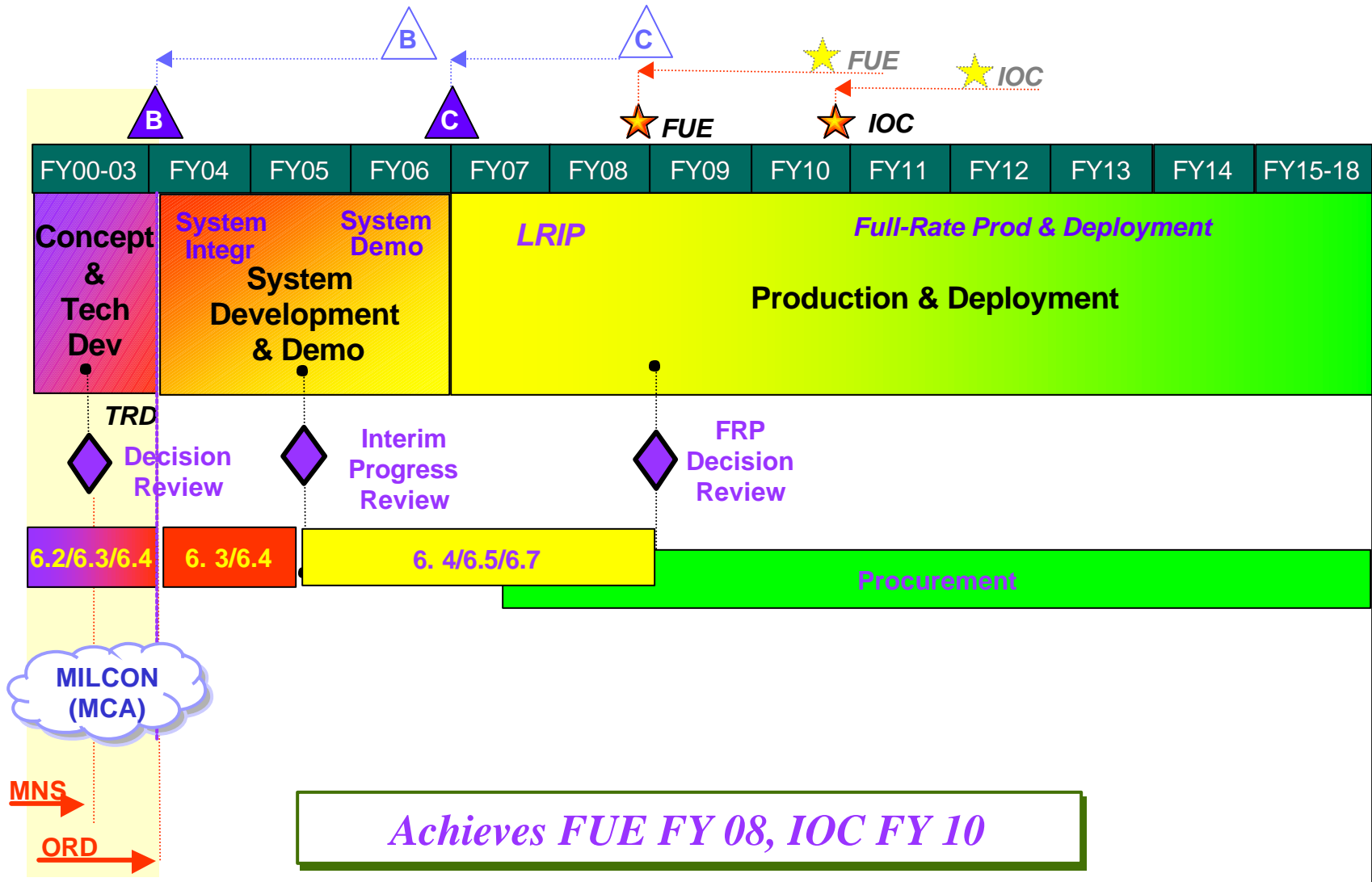
FCS Conceptual Definition



FCS...the Core Building Block of the Objective Force



FCS Acquisition Concept





Transforming the Army...



The United States Army is the most powerful ground force in the entire world. It upholds the ideals set forth in the U.S. Constitution and acts to support the interests of the United States.

Requires Changes

Processes

Institutions

Culture

Philosophy

Technology



Revolutionary Results



Our Nation's Future

*The Objective Force is the transformation
of the entire United States Army ...and it will take the dedicated
efforts of the entire Army Team, the help of our sister Services,
industry, academia, OSD, and Congress,
to ensure Transformation succeeds!*

A 21st Century Army for a 21st Century World

A large, faded version of the Objective Force Task Force logo serves as a background. It is a purple hexagon containing a black silhouette of a soldier. The words 'OBJECTIVE', 'FORCE', and 'TASK' are written in white along the top, right, and bottom-left edges of the hexagon, respectively. A stylized American flag is positioned behind the hexagon.

[*www.objectiveforce.army.mil*](http://www.objectiveforce.army.mil)





Lead System Integrator (LSI)

Industry role as FCS Lead System Integrator (LSI) to...

- | **Government/industry teaming partnership** to facilitate fast program start-up
- | Provide up-front **systems architecture** that links to the OF architecture
- | **Leverage** program concurrency with the Army/DARPA effort
- | Select “**Best of Breed**” technologies/components/sub-components
- | Provide sources to **assist TRADOC** with the acceleration of the requirements process

Mirrors Other Joint Programs in Use of LSI

Lead Systems Integrator (LSI)

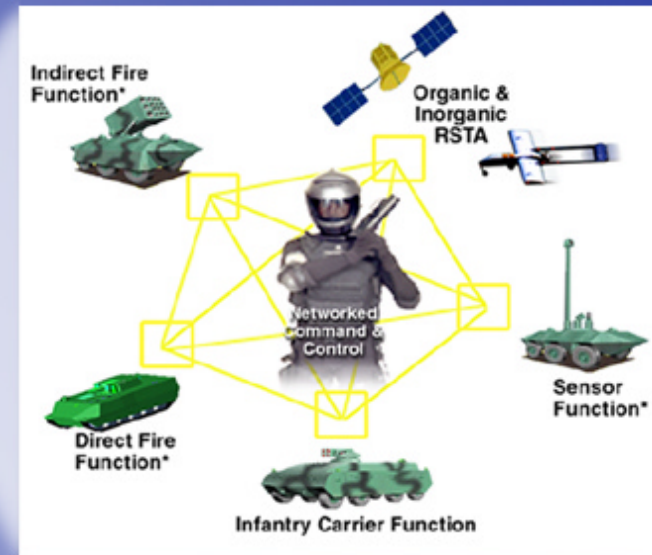
**Other
Services**

**Army &
DARPA**

**Commercial Industry
(Domestic & Foreign)**

**Collaboration Reduces Risk, Cost and
Schedule while Increasing Capability**

LSI





Joint Force Implications of OF Strategic Deployability

(A combat ready brigade size formation anywhere in the world within 96 hours, a division in 120 hours, and 5 divisions in 30 days...effective deterrence and responsiveness to threats

(Transportable by inter/intra-theater land, sea vessel and airlift anywhere in the world *[new systems require C130 deployability]*

(Enroute mission planning and rehearsal capability; fight as a coherent combat unit immediately upon arrival

**Faster
Lighter
Farther**

***The Navy and Air Force Provide the Required Lift
for Soldiers, Equipment and Supplies***



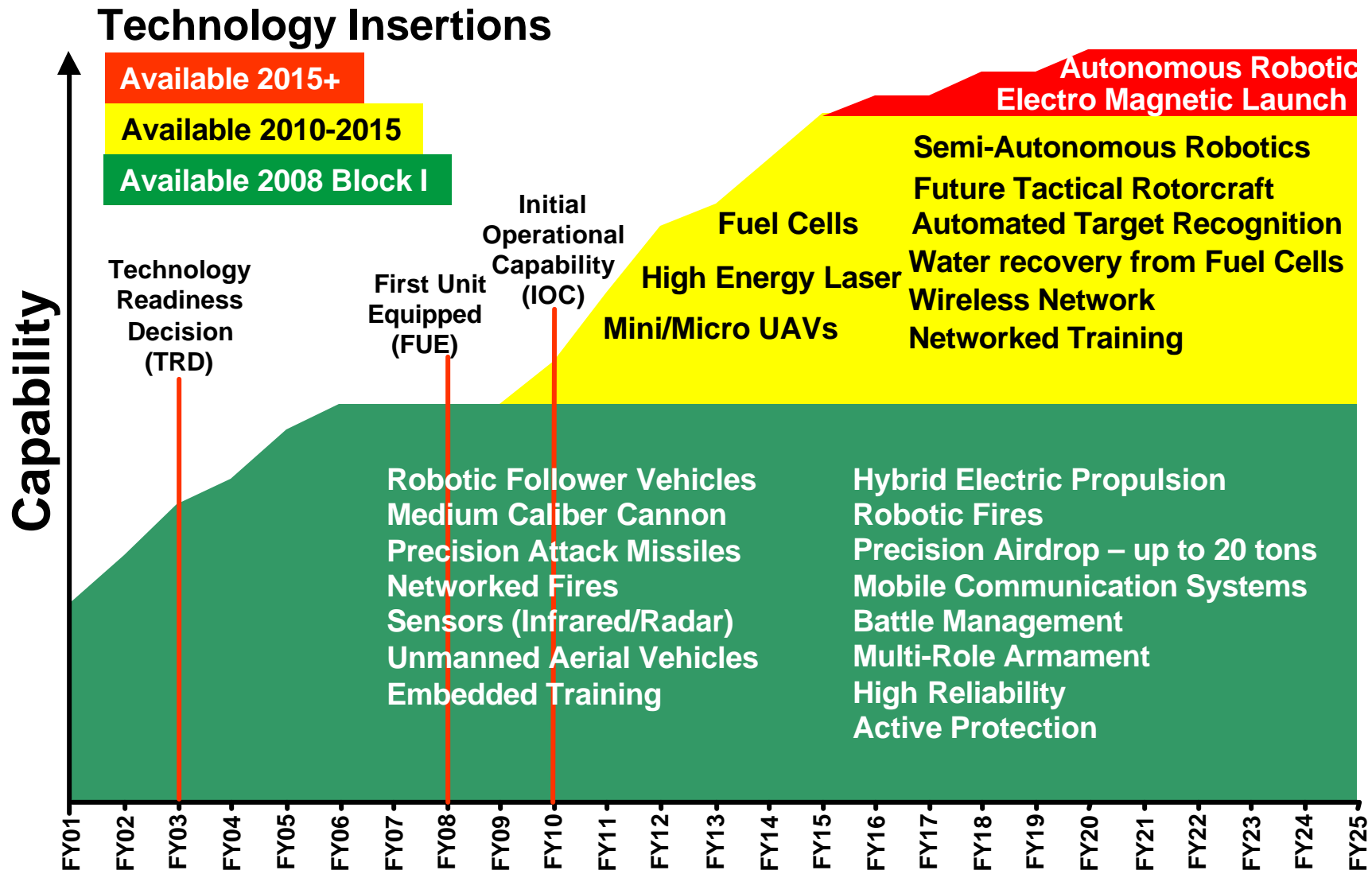
Joint Force Implications of OF Sustainability & Interoperability

- Self-sustainable for 3 days of high tempo operations and 7 days of low end conflict and peacetime military engagement**
- Commonality across formations, in platforms and components, to simplify and reduce sustainment, support multi-functionality, reduce personnel and skills, and contribute to simplification of deployment, maintenance and training**
- Provide a system of potable water generation and replenishment at every echelon to minimize the need for special-purpose units and demands**

***Objective Force Sustainability & Interoperability Capabilities
Benefit all Services***

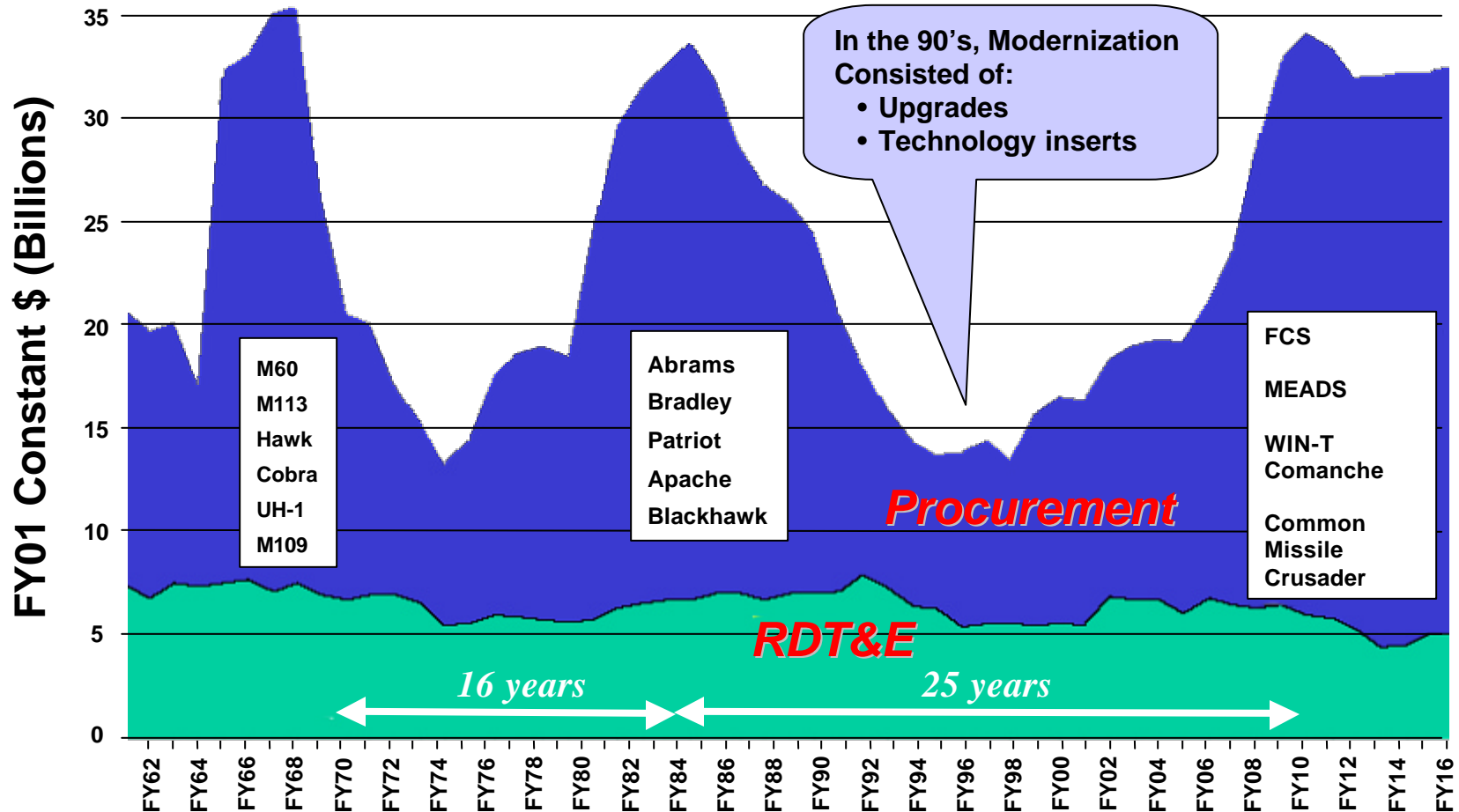


Approach to Full Capability





Army Funding



We've Skipped a Generation of Procurement!



Transformation of the Army Begins With the Soldier

Soldiers are the centerpiece of our formations

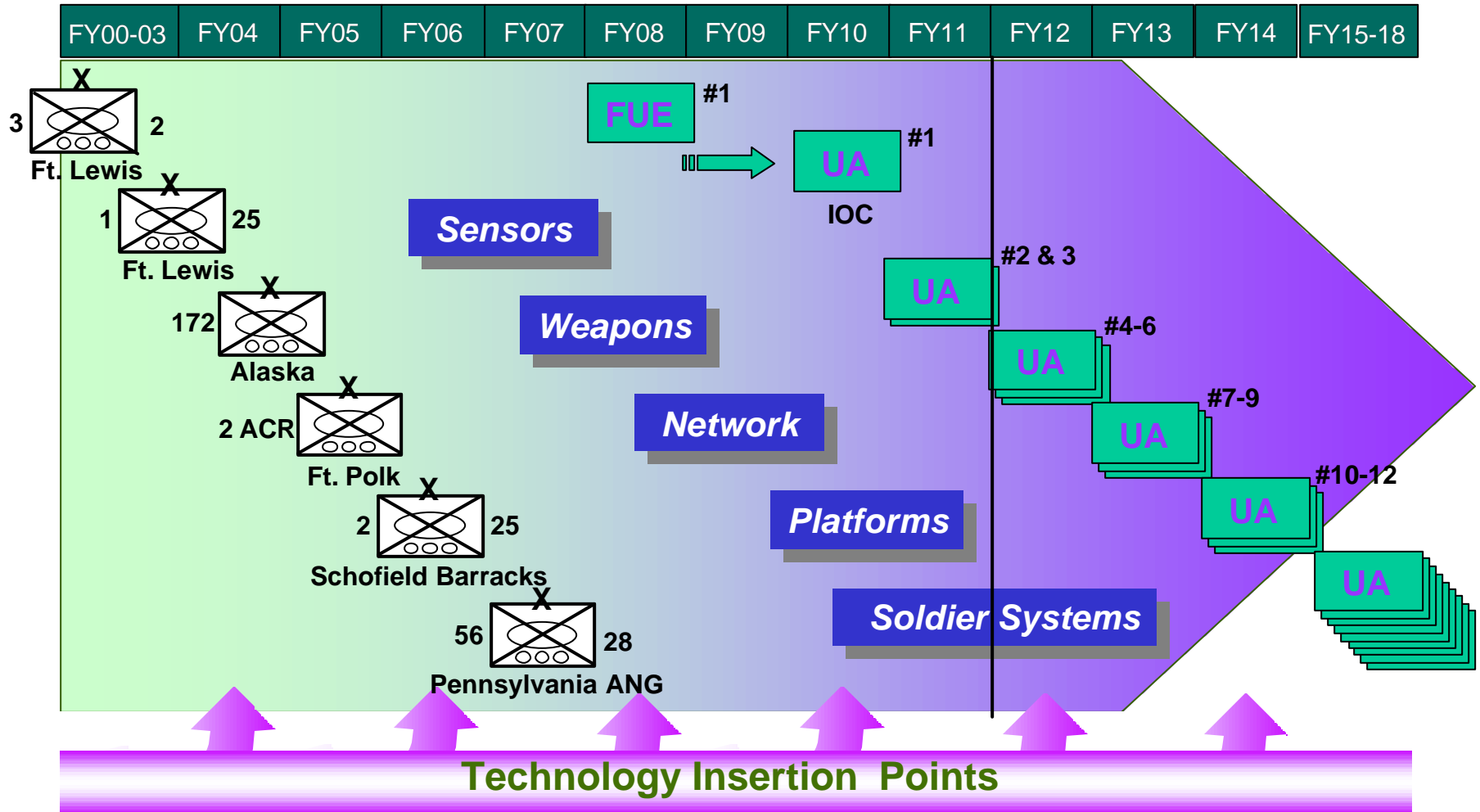
- **Physically and mentally tough possessing competence, confidence and moral determination to kill our enemies as readily as they are to the alleviate suffering of innocents**
- **Warriors who will go into harm's way to impose our Nation's will on any adversary**
- **Highly trained in all tasks across the full spectrum of operations; experts at the use of emerging technologies**

Soldiers, not equipment, accomplish missions and win wars

***The Objective Force is the Legacy We Leave Our Future
Soldiers...It is Their Destiny***



Building an Army – Over Time



*Balancing the Right Mix of Legacy and Interim Forces with
Fielding the Objective Force*